

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

August 10, 1956

Washington 25, D. C.

Vol. 5, No. 31

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended August 4, 1956

The number of poliomyelitis cases for the current week is 759. Figures for the same week of the previous 5 years are: 1,409 in 1955; 1,608 in 1954; 1,870 in 1953; 2,306 in 1952; and 1,200 in 1951. Only 2 States reported 50 or more cases for the current week and for the same week last year 6 reported. For the current week there were 147 cases in Chicago, of which number 90 were paralytic, and there were 2 deaths. The increase in incidence in Utah, first noted last week, is reported to have occurred in the Salt Lake City area. The disease made its appearance early in June and in addition to the 45 cases officially reported during the past 3 weeks, other suspect cases are under investigation. Type 1 virus has been isolated from specimens obtained from several cases.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

TYPE	CURRENT WEEK		DISEASE YEAR		CALENDAR YEAR	
	1956	1955	1956	1955	1956	1955
TOTAL-----	759	1,409	4,248	6,866	5,315	7,929
Paralytic-----	331	525	2,054	2,581	2,637	3,045
Nonparalytic-----	298	538	1,516	2,642	1,801	2,932
Unspecified-----	130	346	678	1,643	877	1,952

EPIDEMIOLOGICAL REPORTS

Animal diseases

The animal disease report for Louisiana for the month of June 1956 states that an outbreak of rabies was centered in the northeast corner of the State and involved both wild and domestic animals. During the first 6 months of 1956 there were 183 cases reported with laboratory confirmation, 104 of which were in foxes, 53 in dogs, and 16 in cattle. The outbreak is now under control.

The report also stated that anthrax in animals increased sharply in June, 115 cattle in 17 herds being involved. All but one of the cases in cattle occurred in adjoining parishes, namely Acadia and Vermilion.

Psittacosis

Dr. Martin P. Hines, Veterinary Public Health, North Carolina State Board of Health, has provided information on 30 cases of human psittacosis reported in the State for the year to date. These cases do not represent a specific outbreak although all are from one county. All the cases were confirmed by significant serologic titers. Most of the cases showed abnormal lung findings or positive X-ray findings. An extensive study of the disease in this locality has been made and 28 suspect cases were found. These additional cases were not officially reported because they did not demonstrate fourfold or higher rises in complement fixation titers or were asymptomatic.

Twenty-eight of the 30 reported cases had exposure to parakeets kept in the home, many of which had died shortly before onset of symptoms among the humans. Six of the patients were under 10 years of age, 4 were in the 10-19 age group, and 20 were age 20 and over.

Dr. Mason Romaine, Virginia State Department of Health, has reported a case of psittacosis in a 45-year-old woman. The patient became ill with an influenza-like illness in June and was given penicillin. Later it was thought she had anemia, and medication for this condition was given. When she was placed on home care service it was learned that she owned 3 parakeets. One of the birds died about a week after it was obtained. It was buried and was not available for laboratory tests. Blood specimens from the patient were positive for psittacosis in complement fixation titers of 1:64 and 1:128.

Herpangina

Dr. A. M. Washburn, Arkansas State Board of Health, has reported an outbreak of herpangina. The age group involved is largely children from 1 to 8 years. It was stated that the prominent manifestations were ulcerative lesions principally on the soft palate, fever, and general malaise. The infection seems to run a course of from a few days to a week or longer. So far no sequelae have been reported.

Measles

Dr. H. V. Gibson, Alaska Department of Health, has reported an outbreak of measles in Shageluk, which is located along the Innoko River in western Alaska. The outbreak is reported as "the first measles epidemic that has occurred in Shageluk." Age of cases ranged from 3 months to 72 years.

Suppurative pulmonary disease

Dr. J. D. Martin, Louisiana State Department of Health, has given information about a case of chronic suppurative pulmonary disease associated with pericarditis in a 31-year-old man. Friedlaender's bacillus has been isolated from sputum of the patient. This bacillus was identified as Klebsiella, type 19. The role of this bacillus in the patient's illness is debatable but is believed to be the cause of his illness. Manifestations of the infection in this patient were fever, chest pain, abdominal pain, cardiac enlargement, pericarditis, dyspnea, prostration, weight loss, leucocytosis (18,000 W.B.C.), pneumonitis, and a productive cough with a mucoid sputum. The organism (Klebsiella, type 19) is highly pathogenic for mice. A mouse inoculated with some of the patient's sputum died in 12 hours, and the organism was grown from the peritoneal fluid and the heart blood. Various antibiotics have been used in the treatment of this infection, and there are signs of improvement.

Typhoid fever

The Michigan Department of Health has supplied information on 30 cases of typhoid fever that occurred in the State in the first 6 months of 1956. This is the largest number of cases reported in the first 6 months of a year for more than 10 years. Eleven cases were reported in the same period of 1955, and 8 in 1954. From 1 to 5 cases were reported in 18 different counties, and all but 2 of these were located in the southern part of

Morbidity and Mortality Weekly Report

the State. Patients ranged from 7 to 86 years of age, 10 being in the 10 to 19 year group, and 14 being 45 years of age or over. The organism isolated in 16 cases was found to be phage type E₁ which is the most common type in known carriers in the State.

Gastro-enteritis

Dr. E. B. Buchanan, Cleveland Department of Health, has reported an outbreak of gastro-enteritis involving 7 persons who ate roast beef. None of the food was available for bacteriological examination.

The California State Department of Public Health has reported an outbreak of gastro-enteritis among persons who ate in a restaurant. Five persons became ill with nausea, vomiting, diarrhea, sweating and severe prostration from 30 to 75 minutes

after eating coconut cream pie with meringue. The pies were from a local bakery and were distributed through restaurant outlets. Bacteriological examination of some of the pie revealed staphylococci.

Salmonellosis

Dr. J. E. McCroan, Georgia Department of Public Health, has reported an outbreak of salmonellosis among persons who ate barbecue in a restaurant over a period of several days. Fifty-four persons became ill with fever, nausea, vomiting, and diarrhea. Laboratory examination of specimens from 2 patients, 2 food handlers, and of the barbecue revealed *Salmonella typhimurium*. The barbecue was well cooked but was contaminated by a carrier during the handling before it was served.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	31st WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Aug. 4, 1956	Ended Aug. 6, 1955	Median 1951-55	First 31 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	-	29	20	20	(¹)	(¹)	(¹)	(¹)
Botulism-----049.1	21	-	---	5	5	---	(¹)	(¹)	(¹)	(¹)
Brucellosis (undulant fever)-----044	29	34	---	619	764	---	---	---	---	---
Diphtheria-----055	14	37	27	911	798	1,195	85	89	148	July 1
Encephalitis, infectious-----082	58	23	42	977	842	842	348	282	282	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	283	473	---	13,021	22,137	---	---	---	---	---
Malaria-----110-117	7	16	---	130	259	---	(¹)	(¹)	(¹)	(¹)
Measles-----085	2,846	1,952	2,261	570,839	513,604	513,604	599,937	568,073	568,073	Sept. 1
Meningococcal infections-----057	32	47	50	1,857	2,387	2,858	2,780	3,436	4,127	Sept. 1
Meningitis, other-----340	17	---	---	873	---	---	---	---	---	---
Poliomyelitis-----080	759	1,409	1,608	5,315	7,929	10,707	4,248	6,866	9,238	Apr. 1
Psittacosis-----096.2	29	6	---	342	184	---	(¹)	(¹)	(¹)	(¹)
Rabies in man-----094	-	-	1	6	4	4	(¹)	(¹)	(¹)	(¹)
Smallpox-----084	-	-	-	-	-	5	(¹)	(¹)	(¹)	(¹)
Typhoid fever-----040	39	44	73	1,050	926	1,188	737	619	782	Apr. 1
Typhus fever, endemic-----101	3	10	---	67	85	---	(¹)	(¹)	(¹)	(¹)
Rabies in animals-----	70	83	83	3,170	3,431	4,638	4,197	4,784	6,182	Oct. 1

¹Frequencies are too small.

²Reported in California.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 6, 1955 AND AUGUST 4, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		31st week		Cumulative first 31 weeks		082		31st week		Cumulative first 31 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	29	34	14	37	911	798	58	23	283	473	13,021	22,137
NEW ENGLAND-----	1	-	-	-	9	19	-	-	16	31	852	2,009
Maine-----	-	-	-	-	-	-	-	-	5	3	295	225
New Hampshire-----	-	-	-	-	1	-	-	-	-	-	26	63
Vermont-----	-	-	-	-	-	1	-	-	1	2	102	150
Massachusetts-----	1	-	-	-	8	18	-	-	4	7	211	725
Rhode Island-----	-	-	-	-	-	-	-	-	2	1	114	281
Connecticut-----	-	-	-	-	-	-	-	-	4	18	194	565
MIDDLE ATLANTIC-----	1	-	2	-	43	35	16	7	65	138	2,779	5,570
New York-----	-	-	2	-	17	20	15	5	36	79	1,418	3,088
New Jersey-----	-	-	-	-	12	6	1	2	6	6	246	349
Pennsylvania-----	1	-	-	-	14	9	-	-	23	53	1,115	2,133
EAST NORTH CENTRAL-----	3	2	-	1	174	97	17	4	29	48	1,996	3,205
Ohio-----	-	-	-	-	14	26	6	-	8	8	492	542
Indiana-----	-	-	-	-	84	31	4	3	5	5	295	467
Illinois-----	-	1	-	-	8	4	1	-	3	15	462	797
Michigan-----	3	1	-	1	66	34	6	-	5	15	528	914
Wisconsin-----	-	-	-	-	2	2	-	1	8	5	219	485
WEST NORTH CENTRAL-----	11	15	-	1	91	92	3	1	19	54	1,102	2,765
Minnesota-----	1	2	-	-	25	30	-	-	10	10	339	964
Iowa-----	9	7	-	-	17	5	-	-	4	10	295	808
Missouri-----	1	2	-	-	10	9	-	1	-	5	59	296
North Dakota-----	-	1	-	-	5	-	2	-	1	10	86	209
South Dakota-----	-	3	-	1	6	35	1	-	1	17	133	277
Nebraska-----	-	-	-	-	25	11	-	-	2	2	89	67
Kansas-----	-	-	-	-	3	2	-	-	1	-	101	144
SOUTH ATLANTIC-----	10	6	6	10	185	213	3	-	16	42	815	1,922
Delaware-----	-	-	-	-	-	1	-	-	-	-	24	37
Maryland-----	1	-	-	-	-	9	-	-	2	13	70	283
District of Columbia-----	-	-	-	-	1	2	-	-	-	-	14	37
Virginia-----	2	-	-	1	21	16	-	-	9	15	322	810
West Virginia-----	-	1	-	-	5	12	-	-	-	3	46	206
North Carolina-----	-	-	-	1	25	34	1	-	-	7	76	237
South Carolina-----	-	-	1	4	44	49	1	-	1	2	50	48
Georgia-----	7	3	2	3	35	62	-	-	1	2	108	114
Florida-----	-	2	3	1	54	28	1	-	3	-	105	150
EAST SOUTH CENTRAL-----	1	5	3	17	121	131	3	3	34	28	1,146	1,141
Kentucky-----	1	1	-	-	8	37	2	-	11	6	355	195
Tennessee-----	-	1	-	1	19	20	-	2	7	9	499	453
Alabama-----	-	2	2	16	60	53	1	1	9	7	136	220
Mississippi-----	-	1	1	-	34	21	-	-	7	6	156	273
WEST SOUTH CENTRAL-----	-	1	2	5	223	166	2	2	21	34	972	1,209
Arkansas-----	-	1	-	-	17	9	-	-	-	3	88	173
Louisiana-----	-	-	-	3	25	21	-	-	10	5	100	90
Oklahoma-----	-	-	-	-	56	22	-	-	4	5	73	119
Texas-----	-	-	2	2	125	114	2	2	7	21	711	827
MOUNTAIN-----	-	2	1	3	23	15	-	-	27	29	1,184	1,662
Montana-----	-	1	-	-	3	3	-	-	4	8	301	234
Idaho-----	-	-	-	-	1	-	-	-	1	2	156	184
Wyoming-----	-	1	-	-	3	-	-	-	-	-	63	63
Colorado-----	-	-	-	-	3	-	-	-	6	10	261	332
New Mexico-----	-	-	1	2	5	3	-	-	3	-	107	290
Arizona-----	-	-	-	1	5	6	-	-	7	8	236	492
Utah-----	-	-	-	-	3	1	-	-	6	1	58	47
Nevada-----	-	-	-	-	-	2	-	-	-	-	2	20
PACIFIC-----	2	3	-	-	42	30	14	6	56	69	2,175	2,654
Washington-----	-	-	-	-	5	13	-	-	10	16	479	583
Oregon-----	1	-	-	-	10	-	-	-	19	25	423	743
California-----	1	3	-	-	27	17	14	6	27	28	1,273	1,528
Alaska-----	-	-	-	-	35	-	-	-	1	2	63	188
Hawaii-----	-	-	-	-	-	-	-	-	-	-	29	33
Puerto Rico-----	-	-	3	-	47	53	-	-	8	-	157	43

4 Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 6, 1955 AND AUGUST 4, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	31st week		Cumulative first 31 weeks		080.0,080.1		080.2					
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	759	1,409	5,315	7,929	331	525	298	538	7	16	2,846	1,952
NEW ENGLAND-----	12	395	97	996	1	183	6	137	-	-	68	77
Maine-----	-	11	11	27	-	9	-	2	-	-	6	9
New Hampshire-----	-	16	2	44	-	-	-	-	-	-	7	-
Vermont-----	2	2	16	23	1	2	1	-	-	-	8	13
Massachusetts-----	5	309	44	754	-	156	4	117	-	-	20	38
Rhode Island-----	4	19	6	40	-	2	-	1	-	-	1	3
Connecticut-----	1	36	18	108	-	14	1	17	-	-	26	14
MIDDLE ATLANTIC-----	41	153	296	825	10	35	14	37	1	-	996	331
New York-----	25	102	201	518	8	35	12	37	-	-	739	222
New Jersey-----	6	21	41	113	2	-	2	-	1	-	99	49
Pennsylvania-----	10	30	54	194	-	-	-	-	-	-	158	60
EAST NORTH CENTRAL-----	270	321	1,087	1,268	132	104	99	132	-	-	431	597
Ohio-----	30	42	135	270	4	9	9	9	-	-	104	129
Indiana-----	16	28	77	109	9	9	1	14	-	-	42	7
Illinois-----	181	68	654	291	105	18	70	30	-	-	53	205
Michigan-----	26	78	130	322	6	18	15	47	-	-	88	92
Wisconsin-----	17	105	91	276	8	50	4	32	-	-	144	164
WEST NORTH CENTRAL-----	73	139	367	652	13	42	42	68	-	-	83	61
Minnesota-----	6	28	41	131	2	6	4	22	-	-	8	8
Iowa-----	26	45	115	183	1	12	21	28	-	-	40	25
Missouri-----	17	9	107	73	4	5	5	1	-	-	9	7
North Dakota-----	-	2	6	24	-	-	-	1	-	-	8	6
South Dakota-----	4	8	15	37	-	-	4	2	-	-	2	2
Nebraska-----	11	28	32	110	3	14	7	10	-	-	14	2
Kansas-----	9	19	51	94	3	5	1	4	-	-	2	11
SOUTH ATLANTIC-----	59	122	483	947	27	41	24	59	2	2	303	84
Delaware-----	-	7	5	34	-	2	-	5	-	-	3	-
Maryland-----	5	8	25	64	4	4	1	4	1	-	25	7
District of Columbia-----	1	5	2	18	-	1	1	4	1	-	5	3
Virginia-----	12	25	56	125	7	8	5	17	-	1	68	19
West Virginia-----	4	6	32	46	1	4	3	2	-	-	26	36
North Carolina-----	12	23	92	143	7	5	4	17	-	-	24	10
South Carolina-----	2	21	39	111	-	6	2	4	-	-	73	4
Georgia-----	14	15	66	112	4	8	5	1	-	-	24	-
Florida-----	9	12	166	294	4	3	3	5	-	1	55	5
EAST SOUTH CENTRAL-----	19	56	224	425	7	27	5	21	-	-	148	73
Kentucky-----	4	37	69	149	-	21	2	15	-	-	25	15
Tennessee-----	9	6	42	80	5	1	3	1	-	-	76	29
Alabama-----	2	4	23	82	-	1	-	2	-	-	44	10
Mississippi-----	4	9	90	114	2	4	-	3	-	-	3	19
WEST SOUTH CENTRAL-----	118	125	1,261	1,347	72	53	39	41	2	8	243	206
Arkansas-----	17	9	61	89	11	3	6	6	-	1	9	22
Louisiana-----	42	14	317	194	28	8	14	6	2	1	16	2
Oklahoma-----	12	21	98	129	3	4	2	3	-	-	21	20
Texas-----	47	81	785	935	30	38	17	26	-	6	197	162
MOUNTAIN-----	47	42	288	459	13	16	7	12	2	1	164	138
Montana-----	1	4	18	26	1	2	-	2	-	-	31	20
Idaho-----	6	16	46	146	3	9	-	3	-	-	25	4
Wyoming-----	2	-	10	17	1	-	-	-	-	-	-	-
Colorado-----	9	9	34	87	4	3	5	5	1	-	19	48
New Mexico-----	4	6	24	53	1	2	1	2	1	-	24	15
Arizona-----	4	4	74	43	3	-	1	-	-	-	37	28
Utah-----	17	1	63	34	-	-	-	-	-	1	27	23
Nevada-----	4	2	19	53	-	-	-	-	-	-	1	-
PACIFIC-----	120	56	1,212	1,010	56	24	62	31	-	5	410	385
Washington-----	6	13	55	101	1	6	3	6	-	-	86	73
Oregon-----	10	10	72	112	4	7	6	3	-	-	22	45
California-----	104	33	1,085	797	51	11	53	22	-	5	302	267
Alaska-----	-	2	7	14	-	1	-	1	-	-	68	2
Hawaii-----	1	8	53	40	1	6	-	2	-	-	133	25
Puerto Rico-----	-	4	34	434	-	4	-	-	-	1	44	31

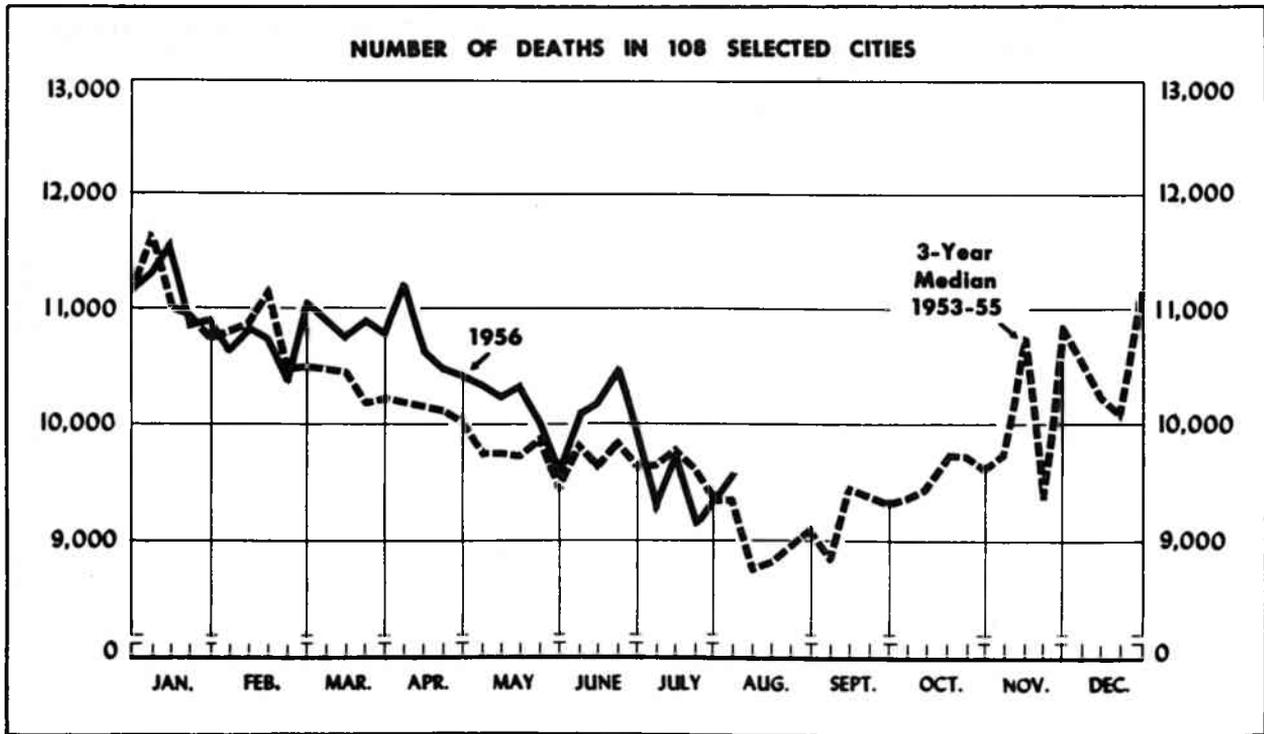
¹Includes cases not specified by type, category number 080.3.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED AUGUST 6, 1955 AND AUGUST 4, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
						31st week		Cumulative first 31 weeks				
	057	1955	340	1956	1955	1956	1955	1956	1955	101	1956	1955
CONT. UNITED STATES-----	32	47	17	29	6	39	44	1,050	926	3	70	83
NEW ENGLAND-----	2	6	1	-	-	1	1	39	18	-	-	-
Maine-----	-	1	-	-	-	1	-	12	4	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	1	4	-	-	-	-	-	1	-	-	-	-
Massachusetts-----	1	1	-	-	-	-	1	12	9	-	-	-
Rhode Island-----	-	-	1	-	-	-	-	5	1	-	-	-
Connecticut-----	-	-	-	-	-	-	-	9	4	-	-	-
MIDDLE ATLANTIC-----	3	8	-	-	-	5	3	140	100	-	2	15
New York-----	1	1	-	-	-	-	-	36	20	-	2	13
New Jersey-----	-	2	-	-	-	1	1	17	13	-	-	-
Pennsylvania-----	2	5	-	-	-	4	2	85	67	-	-	2
EAST NORTH CENTRAL-----	7	7	6	1	1	8	6	154	89	-	9	-
Ohio-----	2	2	-	-	-	-	3	31	39	-	-	-
Indiana-----	2	2	4	-	-	1	1	19	9	-	8	-
Illinois-----	2	2	2	1	-	6	1	26	21	-	-	-
Michigan-----	1	1	-	-	-	1	1	37	16	-	-	-
Wisconsin-----	-	-	-	-	1	-	-	41	4	-	1	-
WEST NORTH CENTRAL-----	3	3	1	-	3	5	2	139	54	-	15	5
Minnesota-----	2	1	-	-	3	-	-	32	5	-	6	1
Iowa-----	1	-	1	-	-	2	1	54	17	-	5	-
Missouri-----	-	1	-	-	-	1	1	29	22	-	3	1
North Dakota-----	-	1	-	-	-	-	-	6	-	-	1	1
South Dakota-----	-	-	-	-	-	1	-	3	4	-	-	-
Nebraska-----	-	-	-	-	-	1	-	8	4	-	-	2
Kansas-----	-	-	-	-	-	-	-	6	2	-	-	-
SOUTH ATLANTIC-----	5	5	5	28	-	4	8	167	181	-	27	20
Delaware-----	-	-	-	-	-	-	-	1	-	-	1	-
Maryland-----	-	-	1	-	-	1	3	14	11	-	-	-
District of Columbia-----	-	-	1	-	-	-	-	11	3	-	-	-
Virginia-----	-	1	3	-	-	1	1	27	27	-	2	6
West Virginia-----	-	-	-	-	-	1	-	16	19	-	5	4
North Carolina-----	2	1	-	28	-	-	-	19	17	-	7	2
South Carolina-----	1	1	-	-	-	1	1	16	28	-	7	4
Georgia-----	-	2	-	-	-	-	2	35	35	-	5	3
Florida-----	2	-	-	-	-	-	1	28	41	-	-	1
EAST SOUTH CENTRAL-----	1	5	3	-	-	5	10	124	139	1	9	15
Kentucky-----	-	-	-	-	-	-	3	25	70	-	5	3
Tennessee-----	-	4	2	-	-	2	5	51	36	-	-	4
Alabama-----	1	1	-	-	-	2	2	12	23	1	4	5
Mississippi-----	-	-	1	-	-	3	-	36	10	-	-	3
WEST SOUTH CENTRAL-----	3	7	1	-	-	10	7	191	211	2	5	9
Arkansas-----	-	1	-	-	-	2	2	41	42	-	3	-
Louisiana-----	-	1	-	-	-	2	-	34	43	-	2	-
Oklahoma-----	2	1	-	-	-	2	-	24	32	-	-	-
Texas-----	1	4	1	-	-	4	5	92	94	2	-	9
MOUNTAIN-----	2	3	-	-	-	1	3	33	73	-	-	2
Montana-----	-	1	-	-	-	-	-	4	-	-	-	-
Idaho-----	-	1	-	-	-	-	-	2	4	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	6	-	-	-
Colorado-----	1	1	-	-	-	-	-	8	7	-	-	-
New Mexico-----	-	-	-	-	-	1	2	10	39	-	-	2
Arizona-----	1	-	-	-	-	-	-	5	13	-	-	-
Utah-----	-	-	-	-	-	1	1	1	4	-	-	-
Nevada-----	-	-	-	-	-	-	-	1	-	-	-	-
PACIFIC-----	6	3	-	-	2	-	4	64	61	-	3	17
Washington-----	1	1	-	-	-	-	-	1	1	-	-	-
Oregon-----	-	1	-	-	-	-	1	6	7	-	-	-
California-----	5	1	-	-	2	-	3	57	53	-	3	17
Alaska-----	-	1	-	-	-	-	-	1	2	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	1	-	-	1	2	34	29	-	1	-



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	31st week ended Aug. 4, 1956	30th week ended July 28, 1956	31st week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 31 WEEKS		
					1956	1955	Percent change
TOTAL: 108 REPORTING CITIES-----	8,879	8,654	8,667	+2.4	297,670	293,321	+1.5
New England----- (14 cities)	552	611	563	-2.0	21,266	21,630	-1.7
Middle Atlantic----- (16 cities)	2,681	2,665	2,721	-1.5	92,982	93,693	-0.8
East North Central----- (17 cities)	1,454	1,309	1,432	+1.5	47,553	46,722	+1.8
West North Central----- (8 cities)	683	597	759	-10.0	22,248	21,374	+4.1
South Atlantic----- (9 cities)	750	746	739	+1.5	25,022	23,951	+4.5
East South Central----- (8 cities)	448	435	465	-3.7	14,761	14,617	+1.0
West South Central----- (13 cities)	825	793	735	+12.2	26,137	24,551	+6.5
Mountain----- (8 cities)	217	216	226	-4.0	7,660	7,501	+2.1
Pacific----- (12 cities)	1,269	1,282	1,068	+18.8	40,041	39,282	+1.9

Morbidity and Mortality Weekly Report

7

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED AUGUST 4, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	31st week ended Aug. 4, 1956	30th week ended July 28, 1956	CUMULATIVE NUMBER FIRST 31 WEEKS		CITY	31st week ended Aug. 4, 1956	30th week ended July 28, 1956	CUMULATIVE NUMBER FIRST 31 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	192	201	7,187	7,397	St. Louis, Mo.-----	212	166	7,334	6,790
Bridgeport, Conn.-----	56	34	1,152	1,189	St. Paul, Minn.-----	61	69	2,073	2,021
Cambridge, Mass.-----	15	29	936	902	Wichita, Kans.-----	52	23	1,256	1,187
Fall River, Mass.-----	25	22	888	868	SOUTH ATLANTIC				
Hartford, Conn.-----	30	36	1,467	1,437	Atlanta, Ga.-----	105	118	3,412	3,191
Lowell, Mass.-----	19	32	740	791	Baltimore, Md.-----	219	204	7,184	7,049
Lynn, Mass.-----	11	14	660	723	Charlotte, N. C.-----	29	26	959	878
New Bedford, Mass.-----	18	23	710	768	Jacksonville, Fla.-----	(46)	(51)	(1,588)	(1,460)
New Haven, Conn.-----	30	40	1,447	1,390	Miami, Fla.-----	47	41	1,576	1,660
Providence, R. I.-----	50	64	1,951	2,006	Norfolk, Va.-----	20	31	990	986
Somerville, Mass.-----	9	11	501	489	Richmond, Va.-----	66	65	2,201	2,013
Springfield, Mass.-----	35	36	1,296	1,280	Savannah, Ga.-----	(25)	(23)	(891)	(858)
Waterbury, Conn.-----	30	18	797	784	Tampa, Fla.-----	57	64	1,853	1,734
Worcester, Mass.-----	32	51	1,534	1,606	Washington, D. C.-----	175	167	5,780	5,322
MIDDLE ATLANTIC					Wilmington, Del.-----	32	30	1,067	1,118
Albany, N. Y.-----	48	52	1,532	1,496	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(37)	(32)	(1,196)	(1,153)	Birmingham, Ala.-----	75	57	2,392	2,373
Buffalo, N. Y.-----	130	136	4,395	4,257	Chattanooga, Tenn.-----	49	42	1,318	1,379
Camden, N. J.-----	29	40	1,219	1,168	Knoxville, Tenn.-----	31	32	1,068	1,041
Elizabeth, N. J.-----	(21)	---	---	(857)	Louisville, Ky.-----	96	97	3,338	3,268
Erie, Pa.-----	24	35	1,054	1,096	Memphis, Tenn.-----	69	100	3,067	3,062
Jersey City, N. J.-----	53	52	2,191	2,193	Mobile, Ala.-----	30	38	1,035	906
Newark, N. J.-----	87	88	3,035	3,196	Montgomery, Ala.-----	44	20	900	813
New York City, N. Y.-----	1,387	1,361	48,784	49,510	Nashville, Tenn.-----	54	49	1,645	1,775
Paterson, N. J.-----	45	44	1,152	1,195	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	451	428	15,163	15,363	Austin, Tex.-----	25	24	877	776
Pittsburgh, Pa.-----	200	187	5,767	5,564	Baton Rouge, La.-----	21	28	691	665
Reading, Pa.-----	(20)	(17)	(672)	(724)	Corpus Christi, Tex.-----	23	20	594	553
Rochester, N. Y.-----	76	108	2,910	2,893	Dallas, Tex.-----	100	109	3,277	3,031
Schenectady, N. Y.-----	18	19	705	716	El Paso, Tex.-----	24	11	840	898
Scranton, Pa.-----	(31)	(30)	(1,095)	(1,045)	Fort Worth, Tex.-----	58	51	1,735	1,682
Syracuse, N. Y.-----	55	57	1,837	1,726	Houston, Tex.-----	128	144	4,169	3,884
Trenton, N. J.-----	31	30	1,368	1,495	Little Rock, Ark.-----	35	32	1,408	1,384
Utica, N. Y.-----	21	27	925	923	New Orleans, La.-----	159	123	4,995	4,635
Yonkers, N. Y.-----	26	31	945	902	Oklahoma City, Okla.-----	66	67	1,937	1,773
EAST NORTH CENTRAL					San Antonio, Tex.-----	77	93	2,715	2,688
Akron, Ohio-----	49	44	1,631	1,637	Shreveport, La.-----	30	55	1,403	1,205
Canton, Ohio-----	29	21	892	836	Tulsa, Okla.-----	79	36	1,436	1,377
Chicago, Ill.-----	---	(648)	---	(22,600)	MOUNTAIN				
Cincinnati, Ohio-----	175	114	4,745	4,620	Albuquerque, N. Mex.-----	23	20	706	716
Cleveland, Ohio-----	168	189	6,427	6,102	Colorado Springs, Colo.-----	9	17	397	419
Columbus, Ohio-----	103	99	3,334	3,365	Denver, Colo.-----	85	86	3,386	3,409
Dayton, Ohio-----	58	56	2,057	2,034	Ogden, Utah-----	11	13	386	342
Detroit, Mich.-----	292	310	9,986	10,195	Phoenix, Ariz.-----	26	16	815	746
Evansville, Ind.-----	27	24	1,039	982	Pueblo, Colo.-----	12	9	379	403
Flint, Mich.-----	26	36	1,214	1,138	Salt Lake City, Utah-----	45	50	1,427	1,322
Fort Wayne, Ind.-----	35	22	1,110	1,065	Tucson, Ariz.-----	6	5	164	144
Gary, Ind.-----	(15)	(20)	(899)	(846)	PACIFIC				
Grand Rapids, Mich.-----	35	36	1,308	1,315	Berkeley, Calif.-----	18	14	530	561
Indianapolis, Ind.-----	128	94	3,649	3,397	Long Beach, Calif.-----	32	41	1,631	1,521
Milwaukee, Wis.-----	124	115	3,877	3,875	Los Angeles, Calif.-----	517	468	14,602	4,086
Peoria, Ill.-----	37	21	874	909	Oakland, Calif.-----	79	85	2,840	2,699
South Bend, Ind.-----	31	15	750	765	Pasadena, Calif.-----	39	35	1,113	1,104
Toledo, Ohio-----	94	69	2,950	2,892	Portland, Oreg.-----	93	112	2,961	3,002
Youngstown, Ohio-----	43	44	1,710	1,595	Sacramento, Calif.-----	43	45	1,487	1,525
WEST NORTH CENTRAL					San Diego, Calif.-----	67	70	2,315	2,302
Des Moines, Iowa-----	48	34	1,588	1,585	San Francisco, Calif.-----	184	194	5,956	5,798
Duluth, Minn.-----	17	29	833	783	Seattle, Wash.-----	125	128	3,977	4,056
Kansas City, Kans.-----	---	---	---	(1,106)	Spokane, Wash.-----	42	48	1,461	1,434
Kansas City, Mo.-----	118	106	3,425	3,391	Tacoma, Wash.-----	30	42	1,168	1,194
Minneapolis, Minn.-----	94	112	3,718	3,611	Honolulu, Hawaii-----	(24)	(29)	(1,073)	(1,128)
Omaha, Nebr.-----	81	58	2,021	2,006					

Symbols.—parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

GPO 400318

If you do not desire to continue receiving
this publication, please check here
and return.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Washington 25, D. C.

Official Business

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
GPO

FIRST CLASS MAIL